Appln No.: 10/646,436
Amendment Dated: October 10, 2005
Reply to Office Action of July 22, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) An RNA molecule ~~having a length of less than 49 bases and~~ having a sequence effective to mediate degradation or block translation of mRNA that is the transcriptional product of a target gene, wherein the target gene encodes clusterin, and the RNA molecule comprises a sequence of bases complementary to the gene for human clusterin.

2. (currently amended) The RNA molecule of claim 1, wherein the sequence of bases complementary to the gene encoding human clusterin ~~molecule~~ has a length of 19~~16~~ to ~~29~~ 21 nucleotides.

3. (currently amended) The RNA molecule of claim 2, wherein the sequence of bases complementary to the gene encoding human clusterin ~~molecule~~ has a length of ~~18 to 23~~ 19 nucleotides.

4. (currently amended) The RNA molecule of claim 3, wherein the RNA molecule consists of a sequences selected from among Seq ID Nos 1 to 16, 58, 59, 61, 62, ~~64~~, 65, 67 and 68.

5-9. (canceled)

10. (currently amended) A pharmaceutical composition comprising an RNA molecule having a length of less than 49 bases and having a sequence effective to mediate degradation or block translation of mRNA that is the transcriptional product of a target gene, wherein the target gene encodes clusterin, and the RNA molecule comprises a sequence of bases complementary to the gene for human clusterin, together with a pharmaceutically acceptable carrier.

11. (original) The pharmaceutical composition of claim 10, wherein the pharmaceutically acceptable carrier is a sterile injectable solution.

12. (currently amended) The pharmaceutical composition of claim 11, wherein the sequence of bases complementary to the gene encoding human clusterin ~~molecule~~ has a length of 19~~16~~ to ~~29~~ 21 nucleotides.

13. (currently amended) The pharmaceutical composition of claim 12, wherein the sequence

of bases complementary to the gene encoding human clusterin ~~molecule~~ has a length of ~~18 to 23~~ 19 nucleotides.

14. (currently amended) The pharmaceutical composition of claim 13, wherein the RNA molecule consists of a sequences selected from among Seq ID Nos 1 to 16, 58, 59, 61, 62, 64, 65, 67 and 68.

15-19. (canceled).

20. (withdrawn, currently amended) A method of treating a cancer that expresses clusterin, comprising administering to an individual in need of treatment an RNA molecule ~~having a length of less than 49 bases and~~ having a sequence effective to mediate degradation or block translation of mRNA that is the transcriptional product of a target gene, wherein the target gene encodes clusterin, and the RNA molecule comprises a sequence of bases complementary to the gene for human clusterin.

21. (withdrawn, currently amended) The method of claim 20, wherein the sequence of bases complementary to the gene encoding human clusterin ~~RNA molecule~~ has a length of ~~18 to 23~~ 19 nucleotides.

22. (canceled)

23. (withdrawn, currently amended) The method of claim 22, wherein the RNA molecule consists of a sequences selected from among Seq ID Nos 1 to 16, 58, 59, 61, 62, 64, 65, 67 and 68.

24-28. (canceled)

29. (withdrawn) The method of claim 20, wherein the cancer is selected from the group consisting of sarcomas, renal cell carcinoma, breast cancer, bladder cancer, lung cancer, colon cancer, ovarian cancer, anaplastic large cell lymphoma and melanoma.

30. (canceled)

31. (previously presented) The RNA molecule of claim 1, wherein the RNA molecule comprises a sequence as defined by Seq. ID No. 10.

32. (withdrawn) The RNA molecule of claim 1, wherein the RNA molecule comprises a sequence as defined by Seq. ID No. 68.

33. (previously presented) The pharmaceutical composition of claim 10, wherein the RNA molecule comprises a sequence as defined by Seq. ID No. 10.

34. (withdrawn) The pharmaceutical composition of claim 10, wherein the RNA molecule comprises a sequence as defined by Seq. ID No. 68.